## **Patent Assignment Abstract of Title**

**Total Assignments: 1** 

**Application #:** 10035690

Filing Dt: 11/08/2001

Patent #: NONE

**Issue Dt:** 

PCT #: NONE

Publication #: NONE

**Pub Dt:** 

Inventors: Chao-Cheng Chen, Jen-Cheng Liu, Jyu-Horng Shieh

Title: Method for preventing photoresist poisoning

Assignment: 1

**Reel/Frame:** 012440/0033 **Received:** 01/14/2002

Recorded: 11/08/2001

Mailed:

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

03/05/2002

Assignors: CHEN, CHAO-CHENG

LIU, JEN-CHENG

SHIEH, JYU-HORNG

Exec Dt: 08/22/2001

Exec Dt: 08/22/2001 Exec Dt: 08/22/2001

Assignee: TAIWAN SEMICONDUCTOR MANUFACTURING CO. LTD.

SCIENCE-BASED INDUSTRIAL PARK

NO. 121 PARK AVENUE 3 HSIN-CHU, TAIWAN R.O.C

Correspondent: TUNG & ASSOCIATES

RANDY W. TUNG

838 W. LONG LAKE ROAD

**SUITE 120** 

BLOOMFIELD HILLS, MICHIGAN 48302

Search Results as of: 4/3/2003 11:04:22 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723 Web interface last modified: Oct. 5, 2002

L Number	Hits	Search Text	DB	Time stamp
1	339256	darc or arc	USPAT;	2003/04/03 10:57
			US-PGPUB;	
			ЕРО; ЈРО;	
i			DERWENT;	
			IBM_TDB	
2	438	(darc or arc) with ((titanium adj nitride) or (metal adj nitride))	USPAT;	2003/04/03 11:49
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
,	174	(Adams as and solids (Alice in the State of	IBM_TDB	
3	174	((darc or arc) with ((titanium adj nitride) or (metal adj nitride))) and photoresist	USPAT;	2003/04/03 11:59
		photoresist	US-PGPUB;	1
	]		ЕРО; ЛРО;	
1			DERWENT;	
4	29	(((darc or arc) with ((titanium adj nitride) or (metal adj nitride))) and	IBM_TDB	2002/04/02 11:50
7		photoresist) and damascene\$2	USPAT; US-PGPUB;	2003/04/03 11:59
	ļ	protocolory and damasocricus	EPO; JPO;	
			DERWENT;	
			IBM TDB	
5	79	(darc or arc) with ((tantalum adj nitride) or (metal adj nitride))	USPAT;	2003/04/03 11:56
İ			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
1 _			IBM_TDB	
6	73	((darc or arc) with ((tantalum adj nitride) or (metal adj nitride))) not	USPAT;	2003/04/03 11:57
		(((darc or arc) with ((titanium adj nitride) or (metal adj nitride))) and	US-PGPUB;	
		photoresist)	ЕРО, ЈРО;	
			DERWENT;	
7	8	(((dage on any) with ((tente)) and mitaids) - (matel all mitaids)	IBM_TDB	2002/04/02 11 57
'	0	(((darc or arc) with ((tantalum adj nitride) or (metal adj nitride))) not (((darc or arc) with ((titanium adj nitride) or (metal adj nitride))) and	USPAT;	2003/04/03 11:57
		photoresist)) and damascene\$2	US-PGPUB; EPO; JPO;	
		photoresist)) and damascenes2	DERWENT;	
			IBM TDB	
8	58	(darc or arc) with ((tugsten adj nitride) or (metal adj nitride))	USPAT;	2003/04/03 11:58
1		(	US-PGPUB;	2003/01/03 11:50
			ЕРО; ЛРО;	
			DERWENT;	
]			IBM_TDB	
9	53	((darc or arc) with ((tugsten adj nitride) or (metal adj nitride))) not	USPAT;	2003/04/03 11:57
		(((darc or arc) with ((titanium adj nitride) or (metal adj nitride))) and	US-PGPUB;	
		photoresist)	ЕРО; ЛРО;	
			DERWENT;	
10	1	(((darc or arc) with ((tugsten adj nitride) or (metal adj nitride))) not	IBM_TDB	2002/04/02 11:07
.	•	(((dare or are) with ((tigster adj intride) or (metal adj intride))) and	USPAT; US-PGPUB;	2003/04/03 11:57
		photoresist)) and damascene\$2	EPO; JPO;	
		F// min amimoralians	DERWENT;	
			IBM_TDB	
11	1922	(darc or arc) with (tan or tin or (metal adj nitride))	USPAT;	2003/04/03 11:58
		( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
12	238	((darc or arc) with (tan or tin or (metal adj nitride))) and photoresist	USPAT;	2003/04/03 11:59
	İ		US-PGPUB;	
	ļ		ЕРО; ЛРО;	
	ĺ		DERWENT;	ļ
			IBM_TDB	

13 27 (((darc or arc) with (tan or tin or (metal adj nitride))) and photoresist) and damascene\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/03 11:59
---	---	------------------